

From qrp-1@lehigh.edu Fri May 26 06:30:58 1995  
Message-Id: <9505252307.0WHAH00@dinosaur.com>  
From: jess.gypin@dinosaur.com  
Subject: (long) ants. for qrp  
Date: Fri, 26 May 1995 02:30:58 EDT

Great post on antennas! I am not nearly as eloquent as you or as well researched, but great stuff still. You have shed some light into my antenna world. Thanks!

Jess

From qrp-1@lehigh.edu Fri May 26 11:27:47 1995  
Message-Id: <Pine.3.89.9505260750.A543507123-01000000@utkvx.utk.edu>  
From: cebik@UTKVX.UTCC.UTK.EDU  
Subject: Re: (long) ants. for qrp  
Date: Fri, 26 May 1995 07:27:47 EDT

On Fri, 26 May 1995 jess.gypin@dinosaur.com wrote:  
> Great post on antennas! I am not nearly as eloquent as you or as well  
> researched, but great stuff still. You have shed some light into my  
> antenna world. Thanks!  
> Jess

Jess (and all),

I think we have discovered another difference in the new header on QRP-L: it no longer identifies the individual party to whom you address a message while also sending it to the net. Hence, the person you are thanking (and I agree with you, since I read the original message from him) is not identified anywhere in the version of your message that went to all the net.

Hence, if you are responding to someone and a. send a copy to the net and b. do not include some part of his/her text, please include some identification within the message so that we on the side can make an accurate reference. I do not think this needs a round of discussion on header revisions, since it only occurs once in a while and is easily taken care of with a few words.

Jess, I hope you do not mind me using your message as the basis for a reminder to all. I have seen several similar ones but only thought to speak up just now. Good luck on your antenna endeavors.

-73-

LB, W4RNL

From qrp-1@lehigh.edu Fri May 26 16:39:00 1995  
Message-Id: <950526122436\_13289608@aol.com>  
From: JCoote@aol.com  
Subject: 17 & 12 Meter QRP Calling Freqs?  
Date: Fri, 26 May 1995 12:39:00 EDT

Recently I posted some comments on complete QRP frequency lists, and the lack of 17 and 12 meter QRP frequencies.

The lack of 17 and 12 M frequencies may be because people wrongly imagine QRP frequencies are for contests only.

The "QRP Frequencies" are also used a lot for calling and non-contest operation, so it only makes sense to have calling freqs for all the HF bands.

Homebrewers with XO or VXO equipment might like to have a common frequency, or center frequency on 17 and 12 meters.

A few thoughts on planning frequencies for these bands:

The 17 meter band covers 18068-18168. The 12 meter band covers 24890-24990.

By amateur tradition, CW is on the lower portion of a band, data in the middle, and SSB in the high portion of a band.

Many bands use 60 kHz up from the lower band edge for QRP-CW, but this would not work for 17 and 12 meters. 18128 and 24950 (60 up) would be up near the voice sub-bands.

What about using 17 and 12 meter CW freqs with a six in them? Examples:

18076 or 18086 and 24896 or 24906. That would be somewhat similar to our 30-meter QRP/CW freq., 10106.

Well, let's kick this around. Maybe somewhere, QRP'ers have already agreed on 17 and 12 meter frequencies although I have never seen them on QRP calling frequency lists.

72, Jay WB6AAM  
WB6AAM@K6VE.#SOCA.CA.USA.NA  
jcoote@aol.com

From qrp-1@lehigh.edu Sat May 27 04:44:17 1995  
Message-Id: <Pine.3.89.9505262126.A16186-0100000@netcom16>  
From: patrick cook <kb0oxd@netcom.com>  
Subject: <didn't bother with a subject>  
Date: Sat, 27 May 1995 00:44:17 EDT

subscribe qrp-1

From qrp-1@lehigh.edu Fri May 26 23:10:24 1995  
Message-Id: <9505262309.AA31232@philadelphia.libertynet.org>  
From: adam@philadelphia.libertynet.org (Adam O'Donnell)  
Subject: Ahh!!! Soo close!!!  
Date: Fri, 26 May 1995 19:10:24 EDT

I am sooo close to getting my General now! 10 wpm solid, 11wpm pretty close, and 13 spotty...

This is my question... When I get my General, what equipment do you recommend for a beginner HF'er with little antenna space? Oh yeah. Cheap ... er... inexpensive ... equipment. I am not to crazy over tube equipment: reason 1 - I don't have much space on the desk  
reason 2 - I have probelms with the climate control system in my room when running tubes (no joke!!!)

Okay... Here is my ROUGH (flexible) budget: \$300.  
Any suggestions?

73

--

Adam O'Donnell, N3RCS  
Internet: adam@libertynet.org

My parents tell me that I just take up time and space. It's true - I'm into relativity theory.

-----BEGIN PGP PUBLIC KEY BLOCK-----  
Version: 2.6.2

mQCNay9yMS8AAAEAL6X3T00KvDKreSRKPcrBC2gV0ROu8BKtzPpgkNuXxPXUxAU  
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ufri+jd1MisF2FM+lz7UC/mwtuM9RFV/7qEfAIWFSwXhXH4LZdBHL5v9R1fpAAUR  
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=J0fv  
-----END PGP PUBLIC KEY BLOCK-----

From qrp-1@lehigh.edu Fri May 26 14:57:10 1995  
Message-Id: <9505261456.AA21927@garnet.inel.gov>  
From: LVE1@inel.gov (Larry East)  
Subject: Re: Ants. for QRP depend on goals  
Date: Fri, 26 May 1995 10:57:10 EDT

>  
>Has any qrp operator installed the rig at the antenna feed point, and keyed it  
>remotely? Now that would be RF efficient!  
>

I did exactly that way back in '54 or '55 with an experimental transistor transmitter on 40M! Back then, transistors were pretty much audio devices; a new "high frequency" transistor came out (think it was good to maybe 10MHz or so) and I built a 40M crystal oscillator using one (can't remember the type designation). It put out only about 0.1 Watt, so to reduce feedline losses I mounted it at the base of a 40M vertical and keyed it using the RG-8 feed line! I was only able to make a few contacts -- all local, as I remember.

Ah yes, the good old days...

72, Larry W1HUE/7

From qrp-1@lehigh.edu Fri May 26 11:27:10 1995  
Message-Id: <9505261123.AA12001@ra.i88.isc.com>  
From: norris@npr.legent.com (Jim Norris)  
Subject: Book: Communications Receivers  
Date: Fri, 26 May 1995 07:27:10 EDT

Has anyone read a book entitled "Communications Receivers"  
from the publisher McGraw-Hill? I would be interested in

a review and/or comment on its content as it pertains to QRP receivers.

Thanks!  
Jim N9RKB

From qrp-1@lehigh.edu Fri May 26 16:51:04 1995  
Message-Id: <199505261649.JAA12168@mailhost.primenet.com>  
From: aa7qy@primenet.com (Roger Hightower)  
Subject: Charge Controllers  
Date: Fri, 26 May 1995 12:51:04 EDT

I just re-read the article on "A Solar-Powered Field Day" in the May 1995 QST, and tried to call SunLight Energy Systems for info on their SunLogic Charge Controller. No one ever answers the phone, and Massillon, OH information gives me a different number that is a voice mail system for an individual.

Does anyone have a valid number for SunLight? Better yet, do you have any info on good, reasonably priced charge controllers for low-current apps? I suppose I could build the one in the Handbook, but that will be a last resort.

Thanks/72, de Roger, AA7QY.  
aa7qy@primenet.com rhigh@aztec.asu.edu Ham Radio: AA7QY@KC7Y.AZ.USA.NA

From qrp-1@lehigh.edu Fri May 26 17:43:12 1995  
Message-Id: <Pine.3.89.9505261055.A8816-01000000@netcom17>  
From: John Dundas <ab6dg@netcom.com>  
Subject: Re: Charge Controllers  
Date: Fri, 26 May 1995 13:43:12 EDT

Roger--

I don't know about Sunlight, but I did recently get a good catalog from Backwoods Solar, 8530 Rapid Lightning Creek Road, Sandpoint, ID 83864. They have all sorts of good solar stuff, plus good info--but they are geared primarily toward "whole house" type systems of solar energy. The smallest (cheapest) controller they list is 12 v., 15 A, and \$90.

72/3 de John AB6DG

On Fri, 26 May 1995, Roger Hightower wrote:

> I just re-read the article on "A Solar-Powered Field Day" in the May 1995 QST,  
> and tried to call SunLight Energy Systems for info on their SunLogic Charge  
> Controller.  
snip  
>

From qrp-l@lehigh.edu Fri May 26 19:06:37 1995  
Message-Id: <Pine.OSF.3.91.950526133934.6574A-100000@Gayle-Gaston.tenet.edu>  
From: Al Suttles <asuttles@tenet.edu>  
Subject: Re: Charge Controllers  
Date: Fri, 26 May 1995 15:06:37 EDT

Roger,

Mike Bryce will be your contact at S.E.S. He was away in Dayton when I called the first time and left a message. He got back to me after Dayton to tell me he would try to send it the next day. When I called later to check on shipment he said he'd been absolutely swamped after Dayton. He got my controller to me in a couple of weeks after Dayton..it arrived just two hours ago, in fact. I, too, ordered it based on the QST article. The cost was \$37.00 for the smallest controller, which can handle up to 4A.

Mike is also membership chair of QRP ARCI and you can message him through QRP-L (he's on the list). (This I discovered to my chagrin only AFTER I had made several phone calls.)

I have no interest in SES, pecuniary or otherwise. Like you I read the same article and am putting together a portable, solar-powered station with my QRP+ (if it ever arrives) /:-(

Will let you know what I think of the charge controller after I've used it a while..

72,73  
Al Suttles AB5ZB  
Austin, TX

--

On Fri, 26 May 1995, Roger Hightower wrote:

> I just re-read the article on "A Solar-Powered Field Day" in the May 1995 QST,  
> and tried to call SunLight Energy Systems for info on their SunLogic Charge  
> Controller. No one ever answers the phone, and Massillon, OH information  
> gives me a different number that is a voice mail system for an individual.  
>  
> Does anyone have a valid number for SunLight? Better yet, do you have any  
> info on good, reasonably priced charge controllers for low-current apps? I  
> suppose I could build the one in the Handbook, but that will be a last  
> resort.  
>  
>  
> Thanks/72, de Roger, AA7QY.  
> aa7qy@primenet.com      rhigh@aztec.asu.edu      Ham Radio: AA7QY@KC7Y.AZ.USA.NA  
>  
>  
>

From qrp-1@lehigh.edu   Fri May 26 14:15:43 1995  
Message-Id: <199505261414.JAA14639@chuck.dallas.sgi.com>  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: Re:   FREQUENCY MARKER  
Date:      Fri, 26 May 1995 10:15:43 EDT

Wow Claton,

Ask me a question while I'm at work and don't have the info.

If I remember correctly the Heath IM-2410 will go to 200MHz. It is not like the 1.2GHz counters available today. Startek and Optronics (spelling on both?) low end counters are going for a little over \$100-\$149 and you can catch them for \$99 at some swap meets.

The Heath, in good shape, may be around \$50 to \$75 and that is a very wild guess on my part. The real reason why I love the thing is that I have a Heath GC-1000 clock that when in sync with WWV puts out a 3.600000000MHz calibrated signal. The Heath is within 0.5Hz, so I trust it to the last figure (and it does measure to 1Hz). The best the Startek will do is 10Hz, which I don't like at all. I guess I'm obsessive compulsive if you talk to a shrink. :-)

Hope that helps.

dit dit

I'm cc'ng to qrp-1.

--

Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-1@lehigh.edu Fri May 26 13:50:04 1995  
Message-Id: <199505261348.JAA57318@nss1.CC.Lehigh.EDU>  
From: scalawag@ids.net  
Subject: help with download  
Date: Fri, 26 May 1995 09:50:04 EDT

Am still new at a lot of the online procedures and will appreciate help in getting readable copies of some of the archives from Lehigh. Possibly others have similar probs and could use advice too?

Have tried two or three methods of downloading a couple of their files ending with .z (dot z) but they all open as garbage!

Guess I need a step-by-step "duh" type of guidance.

All this relates to times I will be gone from the computer this summer. Is it correct to assume that if you don't want a lot of qrp mail to collect while on vacation the best method is to download the missing daily archives? (Plus somehow my xyl thinks our family e-mail has some sort of precedence over "those stupid lists."

72/73 Lee W5TEH SCALAWAG@IDS.NET

From qrp-1@lehigh.edu Fri May 26 14:43:05 1995  
Message-Id: <95May26.104142edt.14522-4+121@hooch.CC.Lehigh.EDU>  
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>  
Subject: Re: help with download  
Date: Fri, 26 May 1995 10:43:05 EDT

>Am still new at a lot of the online procedures and will appreciate help in  
>getting readable copies of some of the archives from Lehigh. Possibly others  
>have similar probs and could use advice too?

>

>Have tried two or three methods of downloading a couple of their files ending  
>with .z (dot z) but they all open as garbage!

Lee (and the group),



There are two ways to grab the files:

1. Anonymous ftp to ftp.Lehigh.EDU. Files that are compressed, i.e. have the ".Z" suffix, can be had in uncompressed form by simply specifying the filename without the ".Z" suffix. For example, to get the daily archive from May 25, 1995:

```
ftp ftp.lehigh.edu
cd pub/listserv/qrp-l/Archives
get 950525
quit
```

2. By e-mail via the list server. Note all commands must go in the body of the e-mail, and you must send them to listserv@Lehigh.EDU. Commands are not case sensitive.

To get an index of all the qrp-l files available:

```
INDEX QRP-L -ALL
```

To retrieve a file:

```
GET path-to-archive filename
```

where the "path-to-archive" is the path listed in the output of the INDEX command. For example, to get the daily archive from May 25, 1995 send use the command:

```
GET QRP-L/ARCHIVES 950525
```

>All this relates to times I will be gone from the computer this summer. Is it  
>correct to assume that if you don't want a lot of qrp mail to collect while on  
>vacation the best method is to download the missing daily archives? (Plus  
>somehow my xyl thinks our family e-mail has some sort of precedence over  
>"those stupid lists."

The best thing to do is send the command:

```
SET QRP-L MAIL POSTPONE
```

so you won't receive any postings, but you'll still be present on the list. When you want to start receiving posts again, send the command:

```
SET QRP-L MAIL ACK
```

or, if you want to receive Digests instead:

SET QRP-L MAIL DIGEST

/jim

From qrp-l@lehigh.edu Fri May 26 14:58:41 1995  
Message-Id: <9505261456.AA21933@garnet.inel.gov>  
From: LVE1@inel.gov (Larry East)  
Subject: Re: help with download  
Date: Fri, 26 May 1995 10:58:41 EDT

>Am still new at a lot of the online procedures and will appreciate help in  
>getting readable copies of some of the archives from Lehigh. Possibly others  
>have similar probs and could use advice too?

>

>Have tried two or three methods of downloading a couple of their files ending  
>with .z (dot z) but they all open as garbage!

>

>Guess I need a step-by-step "duh" type of guidance.

>

The trick is to specify the file to be down-loaded without the final .Z --  
for example, if you are using a command-line driven FTP program, enter the  
command

```
get xxxxx.txt
```

to get the file "xxxxx.txt.Z" and the lehigh machine will decompress it and  
send you the ASCII text. However, if you are using a "point and click" FTP  
program under MS Windows (or on a MAC), there may be no way to enter a "get"  
command directly. In that case, the "smart" software will probably include  
the final .Z in the file name in the "get" command it generates and you will  
receive the file in compressed format! I remember seeing a shareware  
program for MS DOS someplace that will decompress .Z files -- maybe on the  
OAK Archives.

72, Larry W1HUE/7

From qrp-l@lehigh.edu Fri May 26 16:12:56 1995  
Message-Id: <95May26.115746edt.14522-3+120@hooch.CC.Lehigh.EDU>  
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>  
Subject: Re: help with download

Date: Fri, 26 May 1995 12:12:56 EDT

```
> > 1. Anonymous ftp to ftp.Lehigh.EDU. Files that are compressed, i.e.
> > have the ".Z" suffix, can be had in uncompressed form by simply
> > specifying the filename without the ".Z" suffix. For example,
> > to get the daily archive from May 25, 1995:
> >
> > ftp ftp.lehigh.edu
> > cd pub/listserv/qrp-1/Archives
> > get 950525
> > quit
> >
>
> I seem to be having a problem here...
> when I try to access via ftp, the server keeps asking for a password.
> I tried using the one I got back when I subscribed, but keep getting
> rejected. I have no idea what's up here. Can you help me?
```

oops, forgot to include that part. Login as user anonymous,  
and your e-mail address for a password.

/jim

From qrp-1@lehigh.edu Fri May 26 18:28:54 1995  
Message-Id: <199505261827.LAA24721@netcom21.netcom.com>  
From: "Stan Goldstein, N6ULU" <stan@cruzio.com>  
Subject: Re: help with download  
Date: Fri, 26 May 1995 14:28:54 EDT

scalawag@ids.net writes:

```
>
>
> Have tried two or three methods of downloading a couple of their files ending
> with .z (dot z) but they all open as garbage!
```

Hi Lee, The files that end with .Z have some form of compression on em.  
I may have the decompress files, but try downloading em again without  
using the .Z. Some files and or systems will send you the uncompressed  
files by leaving off the .Z

If that doesn't work, let me know and I'll see if I have the right software  
to decompress.>

Stan@cruzio.com

--

72.25 (I still use high power when I need it)  
Stan Goldstein , N6ULU

From qrp-1@lehigh.edu Fri May 26 18:01:13 1995  
Message-Id: <199505261726.MAA15451@chuck.dallas.sgi.com>  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: Hootowl Forms  
Date: Fri, 26 May 1995 14:01:13 EDT

For the QRP ARCI test this weekend, I placed in

pub/listserv/qrp-1/forms

the contest log form sheets (page1.ps - page4.ps) and

arcitst.frm (ASCII version) for contest summary sheet.

Sorry, did not have time to generate a "professional"  
looking PostScript file for the summary. Someday.

gl n tst es sri cant make it

K5F0/3 soon

--

Chuck Adams K5F0 CP-60 adams@sgi.com

From qrp-1@lehigh.edu Fri May 26 11:27:36 1995  
Message-Id: <1995May26.071115.607@wb3ffv.ampr.org>  
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)  
Subject: K5F0 coming to Silver Spring  
Date: Fri, 26 May 1995 07:27:36 EDT

Here's the 26 May 95 update (excuse the date format--I used to be in the military :-). We'll meet Chuck Adams at his hotel at 1830 local time (6:30 for you civilians), on TUESDAY, not Monday (W03B reminded me that Mon is a holiday and some people probably have plans which could conflict), and then go to some suitable local eatery. He'll be at the Holiday Inn in Silver Spring, which W6TOY tells me is a "couple of blocks" north of Georgia Avenue off the Beltway, on Route 29/Colesville

Road. I think Georgia Avenue is exit 33 off the Beltway (on the north side of DC). I believe you go north on Georgia a block or three until you hit Colesville Road (AKA Route 29), and then I have no idea what to do. W6TOY told me he'll drive the route ahead of time to get precise instructions. So far we have W6TOY, W03B, KC4EWT and WA8MCQ expressing interest, and waiting for word from AF4K. N00CT is also invited, although air fare is his own responsibility :-). More updates to follow after W6TOY scopes out the route. (I know the area fairly well, and at least for me it falls in the category of something you "can't" miss.) 73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org  
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org  
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA  
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From qrp-1@lehigh.edu Sat May 27 03:50:02 1995  
Message-Id: <1995May26.234855.822@wb3ffv.ampr.org>  
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)  
Subject: K5F0 coming to Silver Spring  
Date: Fri, 26 May 1995 23:50:02 EDT

W6TOY didn't have a chance yet to drive it to see if it's possible to do a left turn at the proper place, but I finally remembered the route since I realized I've passed the final turn many times on my way to Walter Reed hospital. To find the Holiday Inn, get off the Washington Beltway at Georgia Avenue (exit 33???), taking it south towards DC. After a few miles, you will come to Route 29, AKA Colesville Road, which isn't too far from the Silver Spring Metro station. Turn left onto Colesville/Route 29, if possible, or overshoot a bit and circle back. It's supposed to be somewhere down that road. Remember, we meet there at 6:30 on Tuesday...and I think Chuck promised to bring along some of those three-for-a-buck MOSFETs he scarfed up on. Anyone else interested in joining us is more than welcome to attend for an evening of QRP storytelling! 73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org  
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org  
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA  
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From qrp-1@lehigh.edu Fri May 26 15:26:15 1995

Message-Id: <9505261524.AA00912@royac8.royac.iac.es>  
From: hosinsky@ll.iac.es  
Subject: May QST article wanted  
Date: Fri, 26 May 1995 11:26:15 EDT

Hello!

My April QST just arrived and I found the Frank Witt article on measuring tuner loss very interesting and timely for me. I would like to read the second part of the article without waiting a month for my QST copy to arrive. Is there anyone who could fax me a copy? I would send greenstamps by snail mail to cover the costs.

73

Goran Hosinsky, EA8YU                    hosinsky@royac.iac.es  
Apartado 66  
E-38700 Santa Cruz de La Palma  
Canary Islands

Fax: Spain - 22 40 55 92

From qrp-1@lehigh.edu Fri May 26 05:32:51 1995  
Message-Id: <Pine.3.89.9505252256.A18281-01000000@netcom12>  
From: Alan Kaul <kaul@netcom.com>  
Subject: Practicing for 30M/June-Sept!  
Date: Fri, 26 May 1995 01:32:51 EDT

Greetings from L-A suburb of LaCanada (2-mi from JPL, 4-mi from Rose Bowl in Pasadena).

I had my first 30M QSO with the NN1G SW-30 last night (Alabama). And added 3-more tonight -- Hawaii, Minnesota and British Columbia. All four of them were QRO, but it was a good warmup. I heard a ZL1 calling CQ but he didn't come back to me, and a W6 QSY-ed and called CQ DX after I answered his 'QRZ.' If you're looking for Hawaii, try around 10.105 and see if WH6/WV5S is on, working 'contest style' (that is 599 k!!!). He was there tonight around 0445Z (after sunset in KH6) and there were few takers. The Los Angeles DX Packet Cluster also spotted V31-something at 10102, but when I went looking for him, either the propagation changed, or he went somewhere else. That was around 0445 also. Anyway, I'll be looking for you all come next week. Hope you're looking for me! 73/72 de Alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

From qrp-1@lehigh.edu Fri May 26 12:52:40 1995  
Message-Id: <9504268015.AA801503657@CCMAIL.AEROSYS.LORAL.COM>  
From: "Bob White" <Bob\_White@CCMAIL.AEROSYS.LORAL.COM>  
Subject: QRP Freqs  
Date: Fri, 26 May 1995 08:52:40 EDT

The following QRP freqs were taken from "Low Power Communications" by  
Richard H. Arland K7YHA Volume I - QRP Basics.

| Band | CW              | SSB             |
|------|-----------------|-----------------|
| 160  | 1.810           | 1.910           |
|      |                 | 1.843 (Europe)  |
| 80   | 3.560           | 3.985           |
|      | 3.710 (Novice)  |                 |
| 40   | 7.040           | 7.285           |
|      | 7.030 (Europe)  |                 |
|      | 7.060 (Europe)  |                 |
|      | 7.110 (Novice)  |                 |
| 30   | 10.106          |                 |
| 20   | 14.060          | 14.285          |
| 15   | 21.060          | 21.385          |
|      | 21.110 (Novice) |                 |
| 10   | 28.060          | 28.885          |
|      | 28.110 (Novice) | 28.385 (Novice) |
| 6    | 50.060          | 50.885          |
| 2    | 144.060         | 144.285         |

I think that if you take this list and add it to Chuck's list we  
should be close to having a complete list.

72,  
Bob White W03B WASTP(76.25)  
bob\_white@ccmail.aerosys.loral.com 39 07.44N 76 27.02W

From qrp-1@lehigh.edu Fri May 26 16:39:13 1995  
Message-Id: <950526122719\_13289636@aol.com>  
From: JCoote@aol.com

Subject: QRP freqs list... so far  
Date: Fri, 26 May 1995 12:39:13 EDT

I've compiled information from the QRP calling freq lists by Bob White (W03B) and Chuck Adams (K5F0).

We still don't have a frequencies for 17 meters and 24896 or 24906 might be a better choice for a 12 meter CW freq (in my opinion), unless 24900 has already been set in concrete.

Please check the list for accuracy.

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QRP CALLING FREQUENCIES

| BAND | CW     | NOVICE | SSB | G-QRP  |       |
|------|--------|--------|-----|--------|-------|
| 160  | 1810   |        |     | 1910   | 1843  |
| 80   | 3560   | 3710   |     | 3985   | ?     |
| 40   | 7040   | 7110   |     | 7285   | 7030  |
| 30   | 10106  |        |     |        | 10116 |
| 20   | 14060  |        |     | 14285  | ?     |
| 17   | ?      |        |     | ?      | ?     |
| 15   | 21060  | 21110  |     | 21385  | ?     |
| 12   | 24900  |        |     | 24985  | ?     |
| 10   | 28060  | 28110  |     | 28885  | ?     |
| 6    | 50060  |        |     | 50885  |       |
| 2    | 144060 |        |     | 144285 |       |

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72, Jay WB6AAM (ARCI 5050)

From qrp-l@lehigh.edu Sat May 27 03:10:58 1995  
Message-Id: <95May26.231017edt.14522-3+123@hooch.CC.Lehigh.EDU>  
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>  
Subject: QRP-L via WWW  
Date: Fri, 26 May 1995 23:10:58 EDT

Gang,

Those of you surfing The Web instead of doing something more traditional this holiday weekend... Check out:

<http://www.lehigh.edu/lists/Archives/qrp-l>

Note the uppercase "A" in "Archives". Don't get too excited yet,



it's subject to change (for the better, of course :-)

/jim

From qrp-l@lehigh.edu Fri May 26 15:49:03 1995  
Message-Id: <Pine.SUN.3.91.950526082815.13850A-100000@crl111.crl.com>  
From: H Smith <hbs@crl.com>  
Subject: qrp\_call.zip on ftp.lehigh.edu  
Date: Fri, 26 May 1995 11:49:03 EDT

There is a PC version of the qrp\_call program in the  
ftp.lehigh.edu:/pub/listserv/qrp-l/tools directory. The file is called  
qrp\_call.zip and contains the executable and a text file.

This is the same program that is run when you do the RUN QRP-L X QRP\_CALL  
command. The only difference is that this is a PC version that you can  
run on your PC.

The qrp\_call program allows you to get a listing of the calls, names and  
optionally, internet addresses of the people on the qrp-l mailing list.

The program uses the output of the "recipients or review" command as it's  
input. It will produce a report complete with page headers, that is ready  
to print.

The report is sorted by call area and by call. The VE's and XE's are also  
sorted by call area and call. All other calls are considered to be foreign  
calls and are at the end, sorted by call.

The qrp\_call.zip contains two files: qrp\_call.exe and qrp\_call.txt.

Remember, you can get the same call/name report via email by sending:

RUN QRP-L X QRP\_CALL

to:

listserv@lehigh.edu

Smitty, NA5K

PS. I fixed the VA3 problem.

Henry Smith (hbs@crl.com)

From qrp-1@lehigh.edu Fri May 26 15:49:15 1995  
Message-Id: <9505261545.AA00925@royac8.royac.iac.es>  
From: hosinsky@ll.iac.es  
Subject: QST article, reply address  
Date: Fri, 26 May 1995 11:49:15 EDT

Folks,  
My mailing system is acting up. My correct email address  
is hosinsky@royac.iac.es  
73  
goran ea8yu

From qrp-1@lehigh.edu Fri May 26 16:13:16 1995  
Message-Id: <199505261603.JAA29773@netcom5.netcom.com>  
From: rohrwerk@netcom.com (John Seboldt)  
Subject: Re: satellite tracking software  
Date: Fri, 26 May 1995 12:13:16 EDT

Mac satellite tracking: OrbiTrack 2.1.4 is my choice, a \$10 shareware  
program that seems to do quite well. Available for use with or without  
FPU. Interestingly, he promises it will work for "System 4.1 or later,  
any Mac with 128K ROMs" -- unusual in this day of over-inflated packages  
that need the absolute latest computers! Actually, 2.1.5 is now  
available; just saw it on <http://www.amsat.org/amsat>, which provides a  
link for downloading it. Don't know if it's worth the incremental upgrade.

: John Seboldt rohrwerk@netcom.com / CW: It don't mean a thing  
: Amateur radio K0JD... / if it ain't got that swing!  
: Church of the Annunciation, / Di dah, di dah, di dah, di dah...  
: Minneapolis / (sorry, Duke!)

From qrp-1@lehigh.edu Fri May 26 15:03:37 1995  
Message-Id: <199505261501.IAA23257@netcom5.netcom.com>  
From: rohrwerk@netcom.com (John Seboldt)

Subject: Soldering?

Date: Fri, 26 May 1995 11:03:37 EDT

The thread on soldering old-style kits with soldering guns got me to thinking: For a while I used only a 27 watt element, as recommended, for most PC board soldering. However, this is less than adequate for any kind of chassis wiring, or sometimes even for soldering a wire to a large piece of PC board ground plane! So, when my 27 watt element petered out, I found myself using my bigger 40 watt element more often. And I've gotten by with using it for most purposes, with no components fried by excessive heat even after lots of soldering and unsoldering. I've also had good luck in not destroying small PC board pads with this much heat (except some of my own early attempts that were poorly made :-)

Thoughts?

: John Seboldt rohrwerk@netcom.com / CW: It don't mean a thing  
: Amateur radio K0JD... / if it ain't got that swing!  
: Church of the Annunciation, / Di dah, di dah, di dah, di dah...  
: Minneapolis / (sorry, Duke!)

From qrp-1@lehigh.edu Fri May 26 15:31:47 1995

Message-Id: <9504268015.AA801512736@smtpgw.windata.com>

From: Harry\_Chase@smtpgw.windata.com (Harry Chase)

Subject: Soldering?

Date: Fri, 26 May 1995 11:31:47 EDT

Try using one of the temperature-controlled soldering irons, such as the Wellers. Most of these are from 40 to 60-plus watts, but have a means of feedback to regulate the temp of the tip. These will provide "power on demand" powering up when the tip gets cooled off trying to solder a ground plane connection, and will back off when doing a small SMT part. I have used a 60 watt Ungar unit for years and had no problems. A side benefit of most of these is tip interchangeability -- most will accept a wide range of tip styles (pointed, chisel, big-fat groundplane-type, etc.) Temperature settings are usually selectable and on some, are fully adjustable.

Try Contact East, Newark, or Active Electronics (and many others) for these irons.

Harry  
WA1VVH

From qrp-1@lehigh.edu Fri May 26 17:31:55 1995  
Message-Id: <9505261731.AA14538@us4rmc.pko.dec.com>  
From: "N100Q Tom R. @ MR01 26-May-1995 1313" <randolph@improv.enet.dec.com>  
Subject: re: Soldering?  
Date: Fri, 26 May 1995 13:31:55 EDT

Yup, the Weller WTCP series are what you want. Don't bother buying one new if you have active flea marketers in your area... I just picked one up non-working for \$5 last Sunday. \$30 in new parts later, and it works great!

New these are in the \$140 range, too much for a QRPer's budget.

What breaks in them? The heating element, about \$25. If you bring a pocket multimeter, they measure 12 ohms, but you'll have to unscrew the element from the soldering iron. The transformer primary sometimes goes, check with your meter. Also, the little switch contacts inside the iron sometimes need to be fooled around with - I had to bend them slightly and touch them up with extra fine sandpaper - be gentle, they're tiny.

Oh, yah, also bring a small Phillips driver for unscrewing the element screws. If AC power is available, just plug it in, turn it on, see if it heats, and listen to the iron itself for the switch clicking on and off every now and then. If it does, it's fine.

For tips, you want the PT# series. The number is 6, 7, or 8, indicating the tip temperature in 100s of degrees F.

This thing beats the heck out of cheap hardware-store irons!

-Tom R. N100Q randolph@est.enet.dec.com

From qrp-1@lehigh.edu Fri May 26 16:42:43 1995  
Message-Id: <199505261639.MAA49666@nss1.CC.Lehigh.EDU>  
From: scalawag@ids.net  
Subject: Successful Download!  
Date: Fri, 26 May 1995 12:42:43 EDT

Boy, you guys are almost as fast as this list! Many thanks to All (including direct e-mail) for the answers to my questions.

Yep, the culprit was my Windows point-and-click ftp programs which grab the whole thing. For now I am using the e-mail alternative which worked first

time out of the chute. In fact, it is almost as fast as my previous successful direct ftps. But think I have e-mail size limitations. I'll work on getting a not so "user-friendly" ftp program for the longer files soon.

Got the list of archive files and then a specific request in a total of about 20 minutes.

Am afraid that this list is going to spoil me on other net adventures.

72/73 Lee W5TEH SCALAWAG@IDS.NET

From qrp-1@lehigh.edu Sat May 27 03:30:56 1995  
Message-Id: <01HQZ5X6XLE68ZVNV0@delphi.com>  
From: BRUCE3900@delphi.com  
Subject: The K5FO visit  
Date: Fri, 26 May 1995 23:30:56 EDT

I was unable to get into Silver Spring today to verify where left turns can be made. Therefore, please listen up -- these are the best instructions I can put together without my camera.

The Silver Spring Holiday Inn is on Colesville Road, about two blocks from the intersection of Georgia Avenue and Colesville Road. Colesville Road is route 29, and I'm under the impression that the Holiday Inn is North of Georgia Avenue. Anyhow, here's how to get there from the beltway. If you insist on coming from somewhere not on the beltway, pay close attention to the part about "from downtown Silver Spring".

Both Georgia Avenue and Route 29 have beltway exits.

If you exit at Route 29 (Colesville Road) exit in the direction of Silver Spring. Enjoy the ride, because it is a few miles from the exit into Silver Spring. The hotel will be on your left as you get into DOWNTOWN Silver Spring.

If you exit at Georgia Avenue (Route 97) again exit in the direction of Silver Spring. Colesville Road and Georgia Avenue cross at what was once the very center of Silver Spring. I'm not sure you can take a left onto Colesville from Georgia. If you can, fine, the hotel will be on your right about two blocks up from the intersection. If you can't, then ad lib, go on until you can turn left and then make your way back to Colesville Road and go to the hotel.

There is parking behind the hotel in an outdoor lot and also under the hotel

in a parking garage. I wouldn't bet on street parking.

73

W6TOY/3

From qrp-1@lehigh.edu Fri May 26 17:17:50 1995  
Message-Id: <n1410631919.7415@msmailgw1.arlut.utexas.edu>  
From: "rohre" <rohre@arlut.utexas.edu>  
Subject: The Moxon Rectangle antenna  
Date: Fri, 26 May 1995 13:17:50 EDT

LB,

After throwing together my humble thoughts on the antennas for this list, I went home and found my latest "Communications Quarterly" with your usual fine article, Part II.

Thank you for illuminating OM Moxon's antenna in a much more readable style. Also, you cleared up the VK antenna he is so fond of. For whatever reason, when I delve into his books, I get bogged down, and perhaps I too, am not as clear as I should be, but you cut thru his material to the essence.

It seems so clear now, that his antennas evolve from the Quad laid horizontal, and insulated at two points. Your modeling and demonstration model have been most helpful---you have me considering a three band Moxon rectangle rather than a 2 element Quad, as this would be less visible in the neighborhood I think, and rotating with a TV rotor is a plus.

>From what you say, matching with a Savick 50 to 75 ohm unun should give good efficiency and a better SWR over the bands; but I wonder if I can feed such for all three bands with one 50 ohm coax? Have you expanded your modeling to such a thought?

Thanks again for all your contributions to this list, and the kind words; and good point on posting comments.

73,

Stuart K5KVH  
rohre@arlut.utexas.edu

From qrp-1@lehigh.edu Fri May 26 18:17:49 1995  
Message-Id: <Pine.SOL.3.91.950526140832.27478A-100000@destrier.acsu.buffalo.edu>  
From: Mark D Jarmuz <jarmuz@acsu.buffalo.edu>  
Subject: To all foxes and hounds....

Date: Fri, 26 May 1995 14:17:49 EDT

HI gang.....

Just want to say thanks to all the foxes and hounds that I worked during the last few or so months. You all made the winter here in Buffalo, N.Y. go a little quicker, and got to meet some new qrpers. We will be looking forward to do it all over again come fall.... until then C-U-on the Bands.....

P.S. just wondering...how about moving the 40meter hunt from 7.225-7.230 maybe up to 7.250-7.260????

73s/72s....DAVE...AA2PF...<alias Peter FOX>

From qrp-1@lehigh.edu Fri May 26 15:29:00 1995  
Message-Id: <199505261525.IAA24867@netcom5.netcom.com>  
From: rohrwerk@netcom.com (John Seboldt)  
Subject: Varactor temperature compensation?  
Date: Fri, 26 May 1995 11:29:00 EDT

Somebody posted some info about 6 months ago about Motorola's recommendations for temperature compensation in varactor diode tuning circuits. It was somewhat more subtly implemented than the simple series diode shown in DeMaw's ARRL articles. Time for a repost or private E-mail?

: John Seboldt rohrwerk@netcom.com / CW: It don't mean a thing  
: Amateur radio K0JD... / if it ain't got that swing!  
: Church of the Annunciation, / Di dah, di dah, di dah, di dah...  
: Minneapolis / (sorry, Duke!)